Form Approved
Budget Bureau No. 44-R1387
Approval Expires April 30, 1971

DOW CORNING

Form No. LSB-DOS-4
May 1969

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME: DOW CORNING CORPORATION	EMERGENCY TELEPHONE NO.: (517) 496-5900
ADDRESS (Number, Street, City, State, and ZIP Code): South Saginaw Road, Midland, MI 48640	
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS: Dow Corning® 281 Adhesive
CHEMICAL FAMILY	FORMULA

SECTION II HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
Xylene	~ 60	100 ppm

SECTION III PHYSICAL DATA

BOILING POINT (°F.)	295°F	SPECIFIC GRAVITY (H_2O=1)	~ 0.95
VAPOR PRESSURE (mm Hg.)	10	PERCENT VOLATILE BY VOLUME (%)	> 10
VAPOR DENSITY (AIR=1)	NA	EVAPORATION RATE (ether =1)	< 1
SOLUBILITY IN WATER	<0.1%		
APPEARANCE AND ODOR	Liquid. Solvent odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): Closed Cup ~65°F	FLAMMABLE LIMITS	Lel: 1.0	Uel: 6.0
EXTINGUISHING MEDIA: CO_2 or foam			
SPECIAL FIRE FIGHTING PROCEDURES: None			
UNUSUAL FIRE AND EXPLOSION HAZARDS: None			

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 100 ppm

EFFECTS OF OVEREXPOSURE: May cause slight anesthesia, headaches, etc. Obtain medical attention. May irritate skin and eyes.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation - remove to fresh air. Skin and eyes - flush with water.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATABILITY *(Materials to avoid)*: Oxidizing material

HAZARDOUS DECOMPOSITION PRODUCTS: SiO_2, CO_2 & traces of incompletely burned carbon products.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Mop, wipe or soak up with absorbent material using proper protective equipment.

WASTE DISPOSAL METHOD

Refer to local regulations & statues relative to solvent disposal. Residue from evaporated solvent can be land filled or burned in accordance with local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*: organic vapor type

VENTILATION	LOCAL EXHAUST		SPECIAL
	MECHANICAL *(General)*	X	OTHER

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE EQUIPMENT: As required by your company.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Same as for any flammable product. Use reasonable care.

OTHER PRECAUTIONS